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## PRODUCT INFORMATION SHEET

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# *Optical FX Aerosol Kit*

### Description

*HiChem Optical FX* is a high quality special effect paint system that gives spectacular colour changes when viewed from different angles.

*Optical FX* is a 3-coat system and is provided in a kit containing 3 aerosol cans.

- *Background Coat* must be used under all areas where *Optical FX Colour Coat* is applied. Ensures the full colour intensity and special effect is obtained.
- *Colour Coat* contains the pigment that gives the spectacular colour changes when viewed from different angles.
- *Clear Coat* is applied to enhance the colour effect, improve gloss and provide a more durable surface.

### Uses

For decoration of household items, sport and recreation items, automotive trim and accessories, displays, models, art and craft work.

This system is ideally suited for decorating telephones, mobile telephones, motorcycle helmets, bicycles, skateboards, wheel trims, vases, statues, lamps, art, craft and projects of all types, on virtually any surface (See Suitable Substrates below) after suitable preparation.

### Properties

*HiChem Optical FX* demonstrates the following characteristics:-

- Easy application by aerosol spray
- Excellent adhesion to a variety of substrates
- Excellent colour retention
- Excellent gloss retention.

### Suitable Substrates

*HiChem Optical FX* system may be applied over the following substrates:-

- Existing sound painted surfaces including Acrylic Lacquer, 2 Pack Acrylic Urethane. Some painted surfaces such as enamels may be sensitive to *Optical FX*. If in doubt test on an inconspicuous area. *HiChem Stain Stop* may be used to seal sensitive areas.
- Plastics including ABS, Polycarbonate, Acrylic, Bakelite. Polypropylene should be primed with *Motospray Flexiprime* to ensure good adhesion. For other plastics the applicator should perform testing to confirm that it is suitable for the job. Otherwise consult HiChem. Not suitable for High Density Polyethylene.
- Fibreglass- If required use *HiChem Stain Stop* as a sandable primer to smooth out imperfections.
- Bare metal including, Steel, Stainless Steel, Zinc Anneal, chrome, brass, copper. Scuff with medium to coarse abrasive pad then clean surface with *Prepwash Wax & Grease Remover*.
- Aluminium-Abrade surface with coarse abrasive pad then clean surface with *Prepwash Wax & Grease Remover*. Where polished aluminium is supplied with a protective plastic wrap adhered to the surface, clean thoroughly with *Superglow Multipurpose Thinner* before abrading.
- MDF, Craftwood, particle board, chipboard, hardboard and timber after appropriate surface preparation. Not recommended for use on open grained timbers. *HiChem Stain Stop* may be used as a sandable primer/sealer to smooth out imperfections or as a isolator/sealer over pre coated surfaces.
- Ceramic (unglazed). If required use *HiChem Stain Stop* as a sandable primer to smooth out imperfections.

### Surface Preparation-

The surface to be painted must be smooth, sound and clean. Perform any repair work. Prime repaired areas with an appropriate primer. Refer to HiChem for specific advise on unusual surfaces. Sand all surfaces to be painted with P600-800 grit paper. Surface should finally be cleaned with *Prepwash* wax and grease remover.

## Application

1. Mask off surrounding areas to avoid over spray.
2. Shake each can vigorously before use for one minute after the sound of agitator is heard.
3. Spray in an even overlapping pattern from a distance of approximately 20 cm. Apply light coats to achieve coverage. Avoid heavy application. Allow 5-10 minute flash off between coats.
4. Apply Background Coat first. Apply 3-4 coats until coverage is achieved then allow it to dry for approx. 1 hour. Note: Background Coat may adversely affect sensitive substrates such as some plastic and enamel paints when it is applied over them. If in doubt test on a small inconspicuous area.
5. Spray several light coats of Colour Coat until the desired effect is obtained. There may be little noticeable effect with the first 2-3 coats. Effects may vary depending on the shape and texture of the object to be painted.. Best effects are achieved on smooth surfaces. Application of very even coats will give best effect. Allow to dry for a minimum of 30 minutes at 20 degrees C, longer at lower temperatures.
6. Finally apply 2-3 light coats of the Clear Coat.
7. Turn can upside down and spray briefly to clear nozzle after use.

If required, minor imperfections may be carefully removed with a fine polish after drying for 24 hours at 20<sup>0</sup>C.

**Note:** This is a special effect paint. Effects may vary depending on the shape and texture of the object to be painted, spraying conditions and skill of the painter. Best effects are achieved on smooth surfaces. Avoid spraying in conditions of extreme (high or low) temperature and humidity. Spray in still conditions - avoid wind and draughts. Application of very even coats of Colour Coat will give best effect.

## Drying Times

Allow to dry at 20<sup>0</sup>C for at least two hours before handling and at least 24 hours before the object is put into normal use. Allow longer at lower temperatures and if film build is high.

## Coverage

Coverage is approximately 2.5 square metres per coat for the contents of each can.

## Clean up

Clean spills, overspray, etc with *Superglow multipurpose thinner*.

## Storage

Store in a cool dry place. See instructions in Safety Directions below.

## Health & Safety

**Risk:** HIGHLY FLAMMABLE. Harmful by inhalation and in contact with skin. Irritating to skin.

**Safety Directions:** KEEP OUT OF REACH OF CHILDREN. Avoid contact with the skin and eyes and avoid breathing the vapour.

WARNING-Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. DO NOT SPRAY ON A NAKED FLAME OR ANY INCANDESCENT MATERIAL. KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING. PRESSURISED DISPENSER. PROTECT FROM SUNLIGHT AND DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50<sup>0</sup>C. DO NOT PIERCE OR BURN, EVEN AFTER USE.

**First Aid:** For advice contact a Poisons Information Centre (Phone 131126) or a doctor. If swallowed do NOT induce vomiting. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If sprayed in mouth, rinse mouth with water. If in eyes wash out immediately with water.

**Spills/leaks:** Collect on earth, sand or absorbent material. Do not empty into drains.

**Disposal:** Dispose of can by putting in garbage or leaving it at an appropriate metal recycling collection point.

**Fire:** Use dry chemical, foam, or carbon dioxide to fight fire.

**For further information refer to the Material Safety Data Sheet.**

## Standard Packaging

**HiChem Optical FX Aerosol Kit** Kit containing three 300 gram aerosols.

*Background Coat, Colour Coat, Clear Coat*

<u>Choice of three colours</u>	<u>Kit Product Code</u>
Electric Plum	FXKEP
Sunset Blaze	FXKSB
Jaded Passion	FXKJP

*The information contained in this bulletin is presented in good faith based on thorough laboratory and field-testing but without warranty. As we have no control over the conditions under which these products are used, it is recommended that all products be tested by the end user to ensure the suitability of the product for the particular application and conditions.*